

## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: November 3, 2004 Name: Carolyn Beason-Wright

Signature: *Carolyn Beason-Wright*

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Dongmao Zhang et al.

Appln. No.: 10/821,231

Filed: April 8, 2004

For: PROCESS AND APPARATUS FOR  
SEGREGATION AND TESTING BY  
SPECTRAL ANALYSIS OF SOLID  
DEPOSITS DERIVED FROM LIQUID  
MIXTURES

Attorney Docket No: 12264/017

Examiner: Unknown

Art Unit: Unknown

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Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

Sir:

Attached is/are:

REQUEST FOR ONE MONTH EXTENSION OF TIME, AND RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS; STATEMENT ACCORDING TO 37 C.F.R. §1.821(f) AND §1.825(b)

Return Receipt Postcard

Fee calculation:

No additional fee is required.

Small Entity.

An extension fee in an amount of \$55.00 for a 1-month extension of time under 37 C.F.R. § 1.136(a).

A petition or processing fee in an amount of \$ \_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).

An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity	
					Rate	Add'l Fee	or	Rate
Total		Minus			x \$9=		x \$18=	
Indep.		Minus			x 44=		x \$88=	
First Presentation of Multiple Dep. Claim					+\$150=		+\$300=	
					Total	\$	Total	\$

Fee payment:

A check in the amount of \$55.00 to cover the above-identified fee(s) is enclosed.

Please charge Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.

Payment by credit card in the amount of \$ \_\_\_\_\_. (Form PTO-2038 is attached).

The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

*A. James Richardson*  
A. James Richardson (Reg. No. 26,983)

Date

11/3/04

22240 U.S. PTO  
10821231



110804

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November 3, 2004

Date of Deposit

*Carolyn Beacon-Wright*  
Carolyn Beacon-Wright

PATENT  
Docket No. 12264/017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Dongmao Zhang et al.

Serial No: 10/821,231

Examiner: Not yet Assigned

Filed: April 8, 2004

Group Art Unit: Not yet assigned

For: Process and Apparatus for  
Segregation and Testing by  
Spectral Analysis of Solid  
Deposits Derived from Liquid  
Mixtures

Confirmation No. 9405

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P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR ONE MONTH EXTENSION OF TIME, AND  
RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Sir:

Applicants hereby request a one month extension of time to and until November 11, 2004, to respond to the Notice to File Corrected Application Papers. A check in the required amount accompanies this request. The Commissioner is hereby authorized to charge any deficiency or defect, and to credit any overpayment to Deposit Account. No. 23-1925.

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Applicants submit herewith a sequence listing reflecting the sequence shown in Figure 11 of the application as originally filed. A statement according to 37 C.F.R. § 1.821(f) and § 1.825(b) accompanies this submission. To the extent that this sequence listing should be added by way of a preliminary amendment, the Commissioner is hereby authorized and requested to add the sequence listing as an appendix to this application.

**REMARKS**

In response to the Notice to file Corrected Application Papers, Applicants request entry of the accompany sequence listing. Support for the sequence listing is found in Figure 11A of the application as originally filed as well as the text of the specification relating to that Figure at paragraph 0032 on page 13. This sequence is not novel and is publicly available as indicated in the text.

Applicants also submit herewith a substitute set of drawings, which are intended to be of sufficiently improved quality to permit acceptance under the applicable Patent Office standards. Special attention was paid to obtaining reprints of Figures 1, 5A-8A, 26 and 27 of improved quality.

Applicants also request that the filing receipt be corrected. The present filing receipt indicates that the data submitted by the applicants with respect to one of the provisional applications is in error. Applicants submit herewith a copy of the filing receipt of that provisional application, which shows the serial number and filing date indicated by the applicants. To the extent that there is some error in the records, applicants request modification and/or correction of same.

Respectfully submitted,

Date: 11/3/04

  
A. James Richardson  
Reg. No. 26,983

BRINKS HOFER GILSON & LIONE  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/821,231	04/08/2004	Dongmao Zhang	12264/017

**A. James Richardson  
BRINKS HOFER GILSON & LIONE  
Suite 1600  
One Indiana Square  
Indianapolis, IN 46204-2004**

**CONFIRMATION NO. 9405**  
**FORMALITIES LETTER**  
  
**\*OC000000013505931\***

Date Mailed: 08/11/2004

## **NOTICE TO FILE CORRECTED APPLICATION PAPERS**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

**The required item(s) identified below must be timely submitted to avoid abandonment:**

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 5A,6A,26.
- This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54804 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216

- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Replies should be mailed to: Mail Stop Missing Parts  
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*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE